

**TORO**

## Groundsmaster® 7200 & 7210

The first zero-radius turn Groundsmaster combines the power, maneuverability and versatility for almost any job.

Add the PolarTrac™ System to transform the Groundsmaster 7200 into a powerful snow removal machine.





	GROUNDSMASTER 7200 (30495)	GROUNDSMASTER 7210 (30695)
<b>ENGINE</b>	Kubota,® 3-cylinder, liquid-cooled diesel. Power: 24.8 hp (18.5 kW) gross, at rated speed of 3000 rpm. Torque peak: 52.7 ft. lbs. (71.5 Nm) @ 2200 rpm. Displacement: 1123cc. High idle: 3200 rpm no load (uninstalled) 3100-3200 rpm installed. Remote mounted 5" Donaldson® air cleaner. Fuel filter/water separator. EPA Tier IV Final Compliant.	Yanmar; 3-cylinder common-rail, liquid-cooled, diesel with EGR and diesel particulate filter (DPF), 36.8hp (27.5 Kw) rated @ 3000 rpm, 80 ft-lbs @ 1950 rpm, High idle 3000 rpm, Low idle 1400 rpm, displacement 1642 cc. Remote mounted Donaldson air filter, external spin-on oil filter and high flow fixed fan. EPA Tier IV Final Compliant.
<b>RADIATOR</b>	Rear mount, cross flow, 6.5 fins per 1" (25 mm), 8 quart (7.6 liter) capacity	
<b>FUEL CAPACITY</b>	11.5 gallons (43.5 liters), diesel. Biodiesel-Ready for use up to Kubota engine: B-20 (20% biodiesel and 80% petroleum blend); Yanmar engine: B-7 (7% biodiesel and 80% petroleum blend)	
<b>ENGINE OIL W/ FILTER</b>	3.9 quarts (3.69 liter).	5.5 quarts (6.1 liter)
<b>HYDRAULIC OIL</b>	3.5 gallons (13.25 liter).	
<b>TRANSMISSION</b>	Transmission directly mounted to engine via bell housing, two independent closed-loop circuits. One pump/motor controlling left side forward, neutral, and reverse, and one pump/motor controlling right side forward, neutral, and reverse. Pumps are variable displacement piston type with slippers and full stroke capacity of 18cc/rev.	
<b>WHEEL DRIVE</b>	Independent high-torque, low-speed wheel motors with 310cc displacement.	
<b>PTO CLUTCH</b>	Hydraulically actuated wet multi-disc clutch.	
<b>STEERING CONTROL</b>	Adjustable twin sticks with high performance KYB® hydraulic dampers. Rev/N/Forward, located on sides of operator.	
<b>GROUND SPEED (MOWING CONFIGURATION)</b>	Forward 0-12.5 mph (0-20 km/h), variable. Reverse 0-8.5 mph (0-13.7 km/h), variable.	
<b>ALTERNATOR/GENERATOR</b>	12-volt, 40 amp internal regulated charging @ 3150 rpm.	12-volt, 55 amp internal regulated charging @ 3150 rpm.
<b>BATTERY</b>	BCI Group No.: 26, 540 cold cranking amps @ 0° F.	
<b>INSTRUMENTATION</b>	Hour meter, glow indicator, high temp indicator, oil pressure indicator, alternator indicator.	<b>InfoCenter™:</b> Onboard LCD display shows gauges, alerts/faults, service reminders, electrical system diagnostics. Indicates, coolant temp, intake temperature, low oil pressure, alternator, engine hours, engine rpm, hydraulic oil temperature, voltage
<b>SAFETY LOGIC CONTROLS</b>	Toro Standard SCM.	
<b>INTERLOCKS</b>	Tractor neutral, operator presence (engine shuts down if operator is not in seat and traction sticks are moved to the operation position), parking brake, PTO on, auxiliary hydraulics on, high temp (PTO shuts down but engine still running), over temp (engine shuts down).	
<b>SERVICE BRAKE</b>	Twin levers with dynamic braking through hydrostatic transmission.	
<b>PARKING BRAKE</b>	Hand actuated brake lever with two 10.25" diameter disc brakes mounted on the rear wheel motors.	
<b>DRIVE TIRES</b>	24 x12-12, 6-ply pneumatic tubeless, demountable and interchangeable. Tread "Toro Turf Tread".	
<b>FRONT CASTOR TIRES</b>	4-ply ribbed tread, tubeless 15 x 6-6, 20-22 psi.	
<b>ROLLOVER PROTECTION (ROPS)</b>	Two-post foldable style ROPS certified per OSHA 1928.52 specification.	
<b>SEAT</b>	Two piece, high back cushion seat with drain hole, deluxe low profile suspension, adjustable for operator weight, seat back angle, seat fore/aft position, lumbar support and armrest height, retractable seat belt.	
<b>STORAGE</b>	Built-in cup holder, and personal storage reached from seat. Storage for raingear, tools, etc.	
<b>IGNITION</b>	Off/run/start, located right of operator.	
<b>THROTTLE</b>	Low - high idle, located right of operator.	
<b>DECK HYDRAULIC LIFT</b>	Raise/hold/lower/float; switch located on at end of right handle.	
<b>REAR HYDRAULIC LIFT (OPTIONAL)</b>	Raise/hold/lower/float. Electric switch right side of operator. Remote hydraulics selector switch, located on right console.	
<b>CURB CLIMBING</b>	Capable of climbing 8" (20.3 cm) curbs.	
<b>TIE DOWNS</b>	Four loops, one located on each corner of the machine.	
<b>FUEL ECONOMY**</b>	TBD	1.1 gallons/hr (4.8 liters/hr)
<b>CERTIFICATION</b>	Cutting unit meets specification of American National Standard ANSI B71.4-2012, Safety Specifications for commercial turf care equipment. Cutting units sold in EU meets specifications of European standard per ISO EN 5395	
<b>WARRANTY</b>	2-year limited warranty. Refer to the Operator's Manual for further details.	

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## Groundsmaster® 7200 Series Specifications\* (continued)

CUTTING DECK CONFIGURATIONS	CUTTING DECKS (SOLD SEPARATELY)					
	62" DECK W/ GUARDIAN® RECYCLER KIT	62" DECK W/ REAR DISCHARGE KIT	72" DECK W/GUARDIAN® KIT OR FINE CUT GUARDIAN® KIT	72" SIDE DISCHARGE*	72" DECK W/REAR DISCHARGE KIT	60" SIDE DISCHARGE
<b>DECK MODEL NUMBER</b>	30457	30457	30353	30481	30353	30456
<b>COMPLETION KIT (BLADES AND BAFFLES)</b>	30306	30469	30304 or 30346	NA	30549	NA
<b>WIDTH OF CUT</b>	62" (158 cm)	62" (158 cm)	72" (182.8 cm)	72" (182.8 cm)	72" (182.8 cm)	60" (152.4 cm)
<b>BLADE TIP SPEED (@3250 ENGINE RPM)</b>	16,000±1,000 ft./min.	16,000±1,000 ft./min.	16,000±1,000 ft./min.	18,000±1,000 ft./min.	16,000±1,000 ft./min.	18,000±1,000 ft./min.
<b>5/16" THICK RUBBER DISCHARGE CHUTE</b>	NA	Yes	NA	Yes	Yes	Yes
<b>CUTTING DECK DEPTH</b>	4.25" (10.8 cm)	4.25" (10.8 cm)	4.25" (10.8 cm)	5.5" (13.9 cm)	4.25" (10.8 cm)	5.5" (13.9 cm)
<b>DECK ANTI-SCALP ROLLERS</b>	4	4	4	5	4	5
<b>BUMPER SKIDS</b>	2	2	2	1	2	1
<b>LEAF MULCHING KIT</b>	NA	NA	NA	PN 108-5273	NA	NA
<b>STRIPING KIT</b>	NA	NA	NA	105-7273	NA	NA
<b>RECYCLER KIT</b>	NA	NA	NA	30347	NA	30348
<b>TALL GRASS BAFFLE KIT</b>	PN 105-7269	PN 105-7269	PN 105-7269	NA	PN 105-7269	NA
<b>MEDIUM FLOW BLADE</b>	NA	NA	NA	PN 110-0621-03	NA	PN 110-4701-03
<b>HIGH FLOW BLADE</b>	NA	NA	NA	PN 110-0622-03	NA	PN 110-4702-03
<b>ATOMIC MULCHING BLADE</b>	NA	PN 107-0214-03	NA	PN 110-0624-03	NA	PN 110-4703-03
<b>FLAT BLADE</b>	NA	NA	NA	NA	PN 112-9586	NA
<b>STANDARD BLADE</b>	PN 92-5608-03	PN 92-5608-03	PN 108-1958	NA	PN 108-1958	NA
<b>BLADE AND BELT KIT</b>	PN 105-7270	PN 105-7270	PN 105-7271	PN 105-7272	PN 105-7271	NA
<b>MOWING RATE (ACRES/HR)**</b>	4.9	4.9	5.8	5.8	5.8	4.8
<b>SHIPPING WEIGHT</b>	424 lb. (192 kg.)	424 lb. (192 kg.)	472 lb. (214 kg.)	600 lb. (272 kg.)	472 lb. (214 kg.)	525 lb. (238 kg.)
<b>HEIGHT OF CUT</b>	1"-6" (25 - 152 mm) adjustable in 0.25" (6 mm) increments.					
<b>60" &amp; 72" SIDE DISCHARGE DECK CONSTRUCTION</b>	7-gauge (4.5 mm) 5.5" steel (14 cm) deep; welded deck with grass discharged on the right side. An 5/16" (8 mm) thick rubber discharge chute covers the discharge opening to limit the throw distance of clippings.					
<b>62" &amp; 72" BASE DECK CONSTRUCTION</b>	7-gauge (4.5 mm) 4.25" steel (11 cm) deep; welded deck. Requires Guardian® Recycler® or rear discharge completion kit.					
<b>FINE CUT GUARDIAN® RECYCLER COMPLETION KIT</b>	Three deflectors inside the chamber redirect clippings that are elevated in the chambers so that they are cut and re-cut. Deck chambers prevent throwing of objects out from deck.					
<b>SPINDLE ASSEMBLY</b>	Ductile cast iron 9" (23 cm) diameter conical spindle housing; Dual greaseable tapered roller bearings; Spindle shaft is 1.25" (3.2 cm) diameter, solid cold finished steel, splined connection between spindle shaft and pulley; Welded blade retainer plus anti-scalp cups.					
<b>CUTTER DRIVE</b>	Isolation mounted, splined PTO-driven gearbox transfers power to three separate spindles via two separate "B" section belts.					
<b>BLADES</b>	Three 0.25" (6 mm) thick, 2.5" (63 mm) wide, heat-treated steel blades.					
<b>DECK SUSPENSION</b>	Frame which supports deck via 4 vertically suspended chains. Front drag links provide fore/aft and left/right stability. Hydraulic deck lift includes load holding check valves and gravity lower. Weight transfer system consisting of two torsion springs counterbalances some cutting deck weight to reduce turf damage.					
<b>BELT IDLER</b>	Spring-loaded (torsion) idler.					
<b>DECK SKID</b>	Replaceable, bolt-on, non-marking UHMW skid on both sides for Base decks and on left side on side discharge decks. Interchangeable left to right on base decks.					
<b>ANTI-SCALP CUPS</b>	Anti-scalp cup located on each blade spindle.					

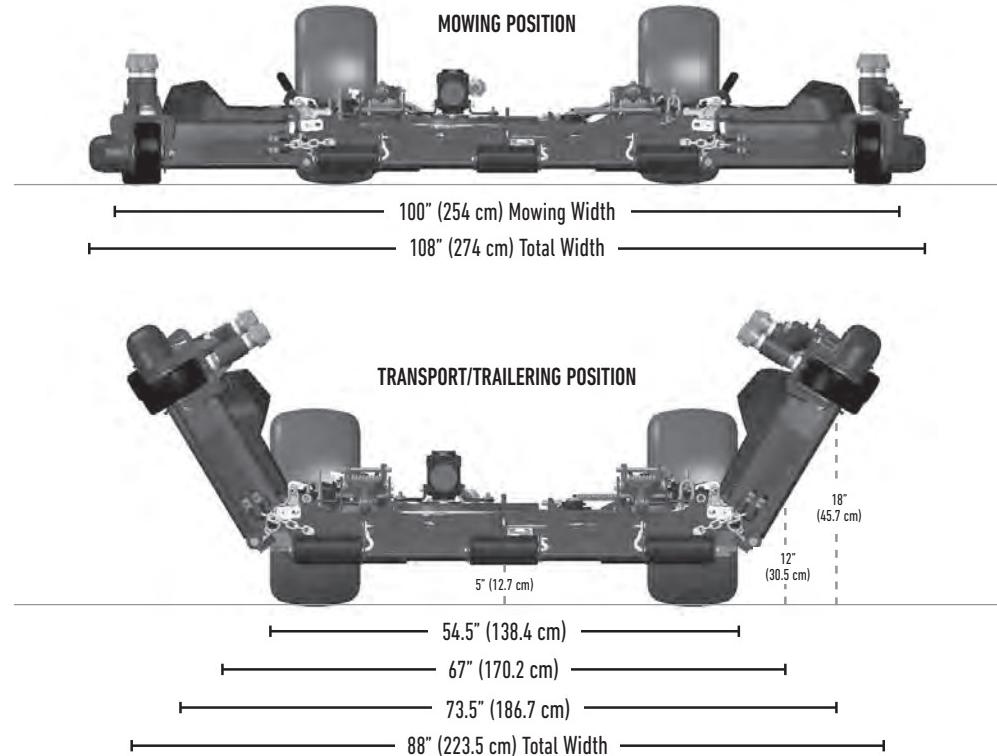
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\*\* Assumes 8 mph mow speed, no overlap and 100% efficiency.



**Groundsmaster® 7200 Series Specifications\***

100" CUTTING DECK, MODEL 31101	
<b>REQUIRED HP OF MOWING UNIT</b>	Greater than 33 hp (24.6 kw)
<b>WIDTH OF CUT</b>	100" (254cm), by five blades
<b>HEIGHT OF CUT</b>	1"-5" (25 - 127 mm) adjustable in 0.25" (6 mm) increments
<b>DECK CONSTRUCTION</b>	Center deck with two wing decks; Welded .120" (11 gauge) high strength steel with steel .180" (7 gauge) stiffener plates and .1046" (12 gauge) chambers.
<b>DISCHARGE</b>	Rear Discharge – complete width of deck.
<b>WING DECK ARTICULATION</b>	15 degrees, up or down.
<b>SPINDLE ASSEMBLY</b>	Ductile cast iron 9" (23 cm) diameter conical spindle housing; Dual greaseable tapered roller bearings; Spindle shaft is 1.25" (3.2 cm) diameter, solid cold finished steel, and splined connection between spindle shaft and pulley; Welded blade retainer plus anti-scalp cups.
<b>CUTTER DRIVE</b>	Isolation mounted, PTO driven gearbox with 1.25:1 spiral bevel gears. "B" section belt drive to all spindles.
<b>BLADES</b>	Wing Decks: 25.2" (64cm) long,.25" (6mm) thick, 2.5 (63mm) wide, heat treated steel blade in each wing; Center Deck: Three 18"(45.7cm) long, .25" (6mm) thick, 2.5" (63mm) wide, heat treated steel blades.
<b>BLADE TIP SPEED</b>	16,000 ± 1,000 ft/min at 3250 engine rpm
<b>DECK SUSPENSION</b>	Center deck is supported via 4 vertically suspended chains to the frame of the machine. Wing decks are supported by pin connections to center deck and castor wheels on the ground. Hydraulic deck lift includes load holding check valves and gravity lower.
<b>CASTOR WHEELS</b>	Four 8 x 3.50-4, 4-ply, smooth, pneumatic, sealed precision ball bearings. Tensioning caps, made from impact modified thermoplastic alloy, are used to hold the castor wheels on the castor arms.
<b>BELT IDLER</b>	Fixed and spring loaded idlers.
<b>DECK SKID</b>	Replaceable, bolt-on, non-marking UHMW skid on both sides.
<b>DECK ANTI-SCALP ROLLERS</b>	5
<b>ANTI-SCALP CUPS</b>	Anti-scalp cup located on each blade spindle.
<b>DECK COVERS</b>	Steel and plastic with rubber latch connectors.
<b>CUTTING DECK DEPTH</b>	4.25" (108 mm)
<b>WING DECK TRANSPORT LOCKS</b>	Manual latches (standard)
<b>WEIGHT</b>	Approximately 790 lbs (358 kg)
<b>WIDTH</b>	Mow: 108" (274 cm) Transport: Overall width with wing decks raised: 88 in (223.5 cm); center deck is 54.5 in (138.4 cm) wide and 5" (12.7 cm) off ground when raised.
<b>OPTIONAL ACCESSORIES</b>	Leaf Mulching Kit (Model 31105)
<b>CERTIFICATION</b>	American National Standard ANSI B71.4-2012. European standard per ISO EN 5395 , CE approved.
<b>MOWING RATE</b>	Mow up to 8.0 acres/hr (3.2 hectare/hr) at 8 mph (12.9 km/hr). Assumes no overlap and 100% efficiency.



**Groundsmaster® 7200 Series Accessories\***

PART NUMBER	MOWING UNIT ACCESSORIES
<b>30349</b>	Universal Mount Sunshade, White
<b>30552</b>	Universal Mount Sunshade, Red
<b>30358</b>	Bimini Canvas Shade
<b>30374</b>	Road Light Kit (30382 required, not required for Polar Trac™ system)
<b>30382</b>	12V Power Port/Electrical Accessory Kit
<b>112-1688</b>	Spark Arrestor Kit
<b>114-4050</b>	Slow Moving Vehicle (SMV) Sign
<b>30483</b>	Jack Stand Kit
<b>110-6406</b>	Semi-Pneumatic Tire Assembly (front caster wheel)
<b>103-6771</b>	Lug Tire (use in applications requiring greater traction) Does not work with rear discharge deck configuration

DIMENSIONS	GROUNDMASTER 7200 SERIES WITH CUTTING DECKS	GROUNDMASTER® 7200/7210 WITH POLAR TRAC™ SYSTEM & NO ATTACHMENT
HEIGHT ROPS UP	72" (182.8 cm)	72" (182.8 cm)
OVERALL LENGTH	97" (246.4 cm)	100" (254 cm)
OVERALL WIDTH	78" (198.2 cm) (72" (182.8 cm) Base Deck) 68" (172.7 cm) (62" (157.5 cm) Base Deck) 75" (190.5 cm) (72" (182.8 cm) Side Discharge) 64" (162.5 cm) (60" (152.4 cm) Side Discharge)	49.5" (125.7 cm)
WHEELBASE	57" (144.8 cm)	NA

POLAR TRAC™ SYSTEM	
<b>GENERAL</b>	Polar Trac™ system converts the Groundmaster 7200 into a snow removal machine complete with two rubber tracks and a climate controlled cab. Estimated conversion time is four hours for two people. Consists of two models: Cab (30474), Tracks and Front Frame: (30675)
<b>TRACTION DRIVE</b>	Three wheels per side with rear wheel mounted in place of mower traction wheel. Front two wheels are mounted to a walking axle that permits motion without losing track tension. Track tread is made of a Kevlar® reinforced rubber compound designed to maintain traction on snow and ice.
<b>GROUND SPEED</b>	8 mph (12.9 km/h).
<b>SAFETY CERTIFICATIONS</b>	Complies with American National Standards Institute (ANSI B71.4-2012) and applicable CE(machine directive 89/392, 91/368, 93/44, 84/538, 89/336) requirements; ROPS certified ISO21299; Glass meets ANSI Z-26.1999 and ECE R43; EMC compliant
<b>HYDRAULIC LIFT</b>	Two foot pedals located on center of Polar Trac™ floor board; Left pedal: Raise/Lower/Hold/Float. Right pedal: Attachment angle control-right/left.
<b>ATTACHMENT SYSTEM</b>	Quick-attach A-mount on a hydraulically powered lift arm. PTO coupler to attachment is a quick connect as are the connections for the hydraulic connectors.
<b>ATTACHMENT CONTROLS</b>	Two foot pedals in Polar Trac™; one pedal controls the lift and lower of the attachment. The other pedal controls either the rotation of the snow blower discharge chute or the angular position of both the rotary broom and straight blade.
<b>SNOW ATTACHMENTS</b>	Snow blower, rotary broom, angled snow blade and powered V-plow. (Allied Attachments)
<b>POLAR TRAC™ CAB</b>	ROPS certified cab is heated and pressurized with the following standard features: heater, pressurized heater/fan, heavy-duty pantograph front windshield wiper and washer, front windshield has 40° of visibility, interior mirror, fold away exterior side mirrors, molded front fenders, tinted full glass: rear window and both doors, rear window opens, quick release right side window act as emergency exit, rubber sound isolator cab mounts and upholstered interior panels and headliner, textured neoprene floor mat, interior dome light.
<b>CAB LIGHT SYSTEM</b>	Standard lighting consisting of head lamps, turn signals, flashers and tail lamps. Meets ANSI/ASAE S279.12 (Lighting and Marking of Agricultural Equipment on Highways).

PART NUMBER	POLAR TRAC™ SYSTEM ATTACHMENTS
<b>30675</b>	Polar Trac Frame and Rubber Tracks (required)
<b>30474</b>	Polar Trac Cab (required)
<b>30750</b>	V-Plow (30378 required)
<b>30378</b>	V-Plow Mounting Kit
<b>ALLIED</b>	Rotary Broom (M-B Companies model MCT)
<b>ALLIED</b>	Snowblower (Erskine Attachments)
<b>ALLIED</b>	Straight Blade (M-B Companies)
<b>30382</b>	12V Power Port/Electrical Accessory Kit

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# Groundsmaster® 7200 Series Accessories\* (continued)

PART NUMBER	REAR QUICK ATTACH SYSTEM (MOWING UNIT)
<b>30810 (7210)</b>	Rear Quick Attach System (30382 required for all rear attachments) for GM7210 models with Yanmar engines, MY2013+
<b>30812 (7200/7210)</b>	Rear Quick Attach System (30382 required for all rear attachments) for GM7200/7210 models with Kubota engines, MY2013 +
<b>30393</b>	Debris Blower (30377, 30380 required)
<b>08761</b>	QAS Nail Drag (30377, 110-6401 required)
<b>30380</b>	Auxiliary Hydraulic Power Kit (30377 required)
<b>110-6401</b>	Extension Handle Kit (qty. 1 required for each 08751, 08757, 08758 attachment)
<b>08756</b>	Drag Mat Carrier System (30377 required)
<b>08751</b>	Tooth Rake (30377, 110-6401 required)
<b>08757</b>	Steel Drag Mat (30377, 110-6401 08756 required)
<b>08758</b>	Cocoa Drag Mat (30377, 110-6401 08756 required)
<b>08754</b>	Finish Grader (30377 required)

**NOTE:** Front weights are required with use of certain rear attachments.

<b>CONFIGURATION</b>	E-Z VAC DFS COLLECTION SYSTEM, MODEL 30348†
	Grass collection system that offers quick conversion between bagging and side discharge without tools. <b>NOTE: Operates with GM7200/7210 models powered by Kubota® engines ONLY.</b>
<b>COMPATIBLE MODELS</b>	Works with 60" (152.4 cm) side discharge decks, models 30467 & 30468
<b>BLOWER</b>	Spindle-drive horizontal blower impeller is positioned parallel to and above the mower deck creating continuous air flow from deck to collection system.
<b>CAPACITY</b>	13.7 cu. ft. (402 liters)
<b>DUMP FROM SEAT (DFS) FEATURE</b>	Operator able to dump collected debris without leaving seat.

†Front weights required.

<b>CONFIGURATION</b>	POWERED V-PLOW, M-B MODEL V-PLOW**
	This implement combines two useful snow attachments, V-plow and angled blade, into one.
<b>ANGLING</b>	0-30 degrees, left and right, hydraulically
<b>BLADE WIDTHS</b>	Straight – 57.5" (146 cm) "V" – 50" (127 cm) Scoop – 48.25" (123 cm) Angled – 61" (155 cm)
<b>BLADE HEIGHT</b>	23" (58 cm)
<b>CUTTING EDGE</b>	Bolt-on, trip edge
<b>SKID SHOES</b>	Adjustable, cast-hardened



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\*\*Manufactured by M-B Companies, Inc. The Toro Company does not manufacture or sell the Powered V-Plow, nor does Toro guarantee these accessories in any manner whatsoever.



# Groundsmaster® 7200 Series Specifications\* (continued)

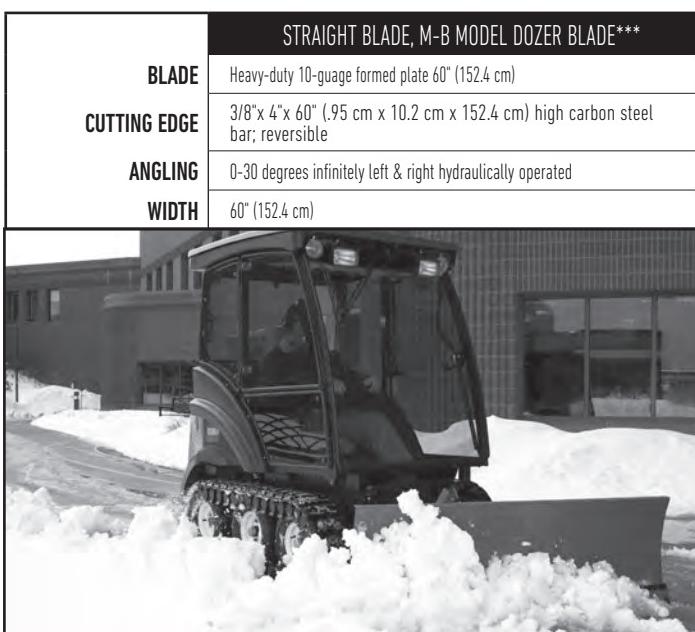
SNOWTHROWER, ERSKINE MODEL 1600**	
STAGE	2
WIDTH OF CUT	53" (135 cm)
CUTTING HEIGHT	22" (56 cm)
CUTTING EDGE	51" (130 cm) bolt-on
SKID SHOES	Adjustable/Hardened
AUGER DIAMETER	12" (30 cm) open flight
FAN DIAMETER	16" (41 cm)
CHUTE ROTATION	Hydraulic
SHEAR PROTECTION	Pressure relief
CASTING DISTANCE	Up to 25' (7.62 m)
APPROXIMATE SHIPPING WEIGHT	418 lbs. (190 kg)
HOSES	Included



ROTARY BROOM, M-B MODEL MCT***	
TYPE	MECHANICAL
	Windrow type, front mounted mechanical drive broom. Hydraulic angling, 30 degrees left and right.
SWING	Swing pivot point inline with 50 degree CV joint
BROOM SIZE	25" (63.5 cm) diameter brush, 60" (152 cm) width.
BRUSH	Sectional brush with choice of polypropylene, wire or combination radial segments.
SHIPPING WEIGHT	60" Broom: 500 lbs., (227 kg).
OPTIONS	Hydraulic Swing Cylinder, Electric Swing Mechanism, Dirt Deflector, Storage Stands.



V-PLOW, MODEL 30750	
CUTTING WIDTH	48" (121.9 cm)
HITCH/MOUNT	V-Plow Mounting Kit 30757 required for installation.
CONSTRUCTION	All welded steel.



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\*\*Manufactured by Erskine. Attachment model ES1600. The Toro Company does not manufacture or sell the snowblower, nor does Toro guarantee these accessories in any manner whatsoever.

\*\*\*Manufactured by M-B Companies, Inc.

